

IMAGE TRANSFER SHEET

ABSTRACT

An image transfer sheet includes a withstand voltage layer provided on a surface of a release layer where an image is formed and transferred, and a conductive compressive layer laid on the withstand voltage layer by way of a conductive support layer. The release layer is formed of a fluororesin or an elastomer, and its surface tension is 20 mN/m or less. The release layer has a thickness of 0.01 mm or more. The withstand voltage layer preferably has a thickness of 0.2 mm or more, a volume electrical resistivity within a range of $10^5\Omega\text{-cm}$ through $10^9\Omega\text{-cm}$ at room temperature, and a matrix hardness of 80 JIS-A or less. Further, the conductive compressive layer preferably has a volume electrical resistivity of $10^4\Omega\text{-cm}$ or less at room temperature, and a porosity of 30 to 70%. In addition, the support layer has a volume electrical resistivity similar to that of the conductive compressive layer, and can comprise woven cloth regulated by conductive fibers.

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